

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 937-1512
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/517985	
INTERNATIONAL APPLICATION NO. PCT/US03/19235	INTERNATIONAL FILING DATE 17 June 2003	PRIORITY DATE CLAIMED 17 June 2002	
TITLE OF INVENTION METHOD FOR SCALE REMOVAL			
APPLICANT(S) FOR DO/EO/US GUIDRY et al			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The U.S. has been elected (Article 31).</p> <p>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto (pages specification, claims & abstract (claims), sheets drawings).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> is attached hereto (pages specification, claims & abstract (claims), sheets drawings, page Certificate of Translation).</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). page</p> <p>10. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(5)).</p>			
<p>Items 11 To 20 below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. a. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>b. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information. (1) Copy of published PCT application No. WO 03/106735 with Form PCT/IB/308 and (2) Copy of Notification of the Recording of a Change</p>			

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.17)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER									
107517985		PCT/US03/19235		937-1512									
21. <input checked="" type="checkbox"/> The following fees are submitted:													
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):													
<table border="1"> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee</td> <td>\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination Fee</td> <td>\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search Fee</td> <td>\$500.00</td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS \$1000.00</td> </tr> </table>						<input checked="" type="checkbox"/> a) Basic national fee	\$300.00	<input checked="" type="checkbox"/> b) Examination Fee	\$200.00	<input checked="" type="checkbox"/> c) Search Fee	\$500.00	TOTAL OF ABOVE CALCULATIONS \$1000.00	
<input checked="" type="checkbox"/> a) Basic national fee	\$300.00												
<input checked="" type="checkbox"/> b) Examination Fee	\$200.00												
<input checked="" type="checkbox"/> c) Search Fee	\$500.00												
TOTAL OF ABOVE CALCULATIONS \$1000.00													
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.													
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE									
-100	0	/50 =	0.00	X \$250.00	\$ 0.00								
Surcharge of \$130.00 for furnishing the oath or declaration later than <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).													
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE										
Total Claims	21	minus 20 =	1	X \$50.00	\$ 50.00								
Independent Claims	2	minus 3 =	0	X \$200.00	\$ 0.00								
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$360.00		\$ 0.00								
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$120.00/1 month; \$450.00/2 months; \$1020.00/3 months)			\$ 0.00										
			TOTAL OF ABOVE CALCULATIONS =		\$ 1180.00								
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by one half.					0.00								
			SUBTOTAL =		\$ 1180.00								
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).			+		0.00								
			TOTAL NATIONAL FEE =		\$ 1180.00								
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property			+		\$ 0.00								
Fee for Petition to Revive Unintentionally Abandoned Application (\$1500.00 - Small Entity = \$750.00)			\$ 0.00										
			TOTAL FEES ENCLOSED =		\$ 1180.00								
			Amount to be: refunded		\$								
			Charged		\$								
a.	<input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed.												
b.	<input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.												
c.	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed.												
d.	<input checked="" type="checkbox"/> CREDIT CARD PAYMENT FORM ATTACHED.												
e.	<input checked="" type="checkbox"/> The entire content of International Application No. PCT/US03/19235 and any U.S. and foreign application(s) corresponding thereto, and US 60/417,064, referred to in this application is/are hereby incorporated by reference in this application.												
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.													
CORRESPONDENCE ADDRESS													
Direct all correspondence to:													
<input checked="" type="checkbox"/> Customer Number:		23117											
Type Customer Number here													
 Bryan H. Davidson NAME													
Telephone: (703) 816-4000		30,251		December 15, 2004									
BHD:lmv		REGISTRATION NUMBER		Date									